



NITFS Compliance Registration



Product: ERDAS IMAGINE Version 9.0 build 156, NITF Import/Export Module **Date:** 06 Apr 2006

Sponsor: Leica Geosystems Geospatial Imaging, LLC

Expiration: 05 Apr 2008

Registration #: 2044

Developer: Leica Geosystems Geospatial Imaging, LLC

- ☐ Initial Registration
☒ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Intel Pentium (MS Windows XP Professional)
- Intel Pentium (MS Windows 2000 Professional)

NITFS Features Implemented:

Format

- NITF**
☒ V2.1
☒ V2.0
☐ V1.1

- NSIF**
☒ NODISPLY
☐ V1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☒ Signed Integer *
☒ IEEE Real *
☒ IEEE Complex *

Annotation Segment Type

- ☐ Bit Mapped **
☒ CGM, 2301
☒ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☒ UT1
☒ U8S
☒ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☒ MULTI
☒ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☒ Bi-Level
☒ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ NSDE
☐ CSDE
☒ ICHIPB
☒ J2KLRA
☐ BLOCKA
☐ IOMAPA
☐ RPC00B

Legend

- Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.